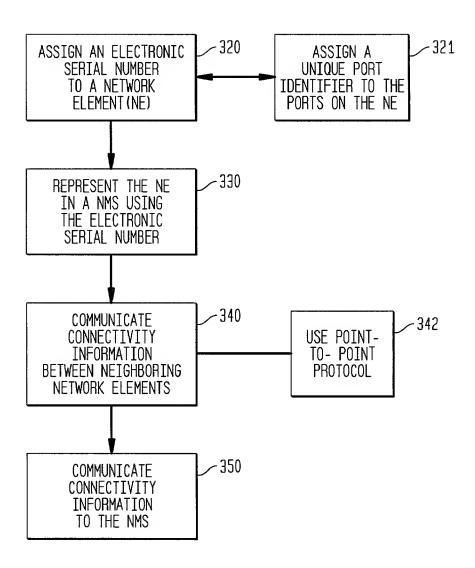
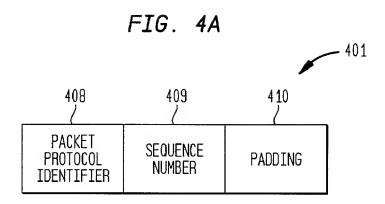


FIG. 3







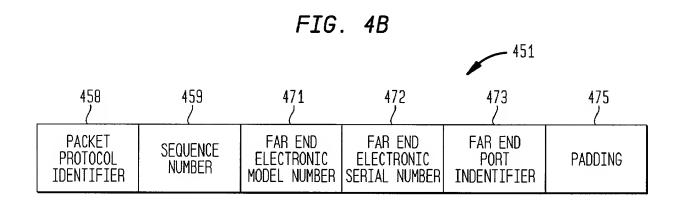


FIG. 5A

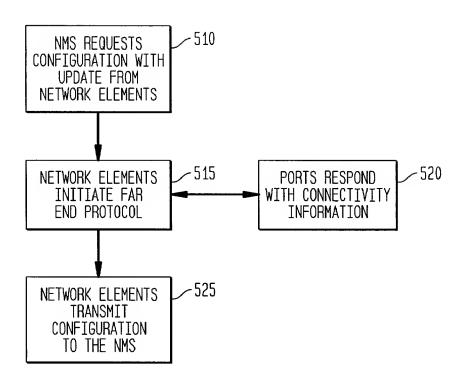
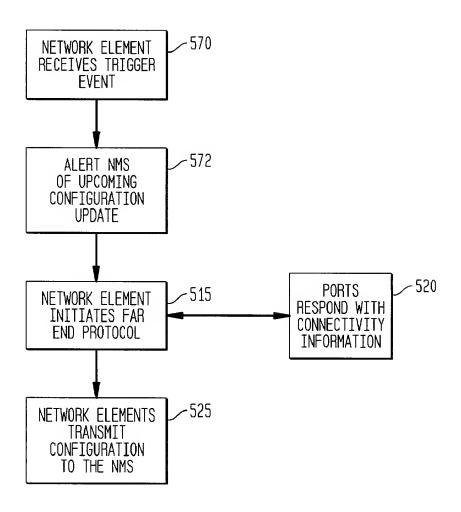


FIG. 5B



7/7 FIG. 6 NETWORK MANAGEMENT 610 SYSTEM ROUTER -622 ETHERNET -629 ROUTER ATM SWITCH -252 255-615 251--252 255--251 620 628 OPTICAL LINK 255 ROUTER -624 255-251 -252 251-SONET/ WDM SONET/ WDM -666 SONET NE  $\bigoplus$ -669 -669 -668 WDM WDM **(H)** -660